

Project Name: Ashland/NSP Lakefront Superfund Site
Remedial Investigation & Feasibility Study

Project Leader: Sharon Jaffess, US EPA

**Technical
Team Members:**

US EPA
Weston
Tetra Tech
WDNR
Bad River Natural Resources Department
Red Cliff Environmental Protection Office
US FWS & NOAA
NSP-Wisconsin (d/b/a Xcel Energy)

Oversight / Enforcement / Final Decisions
US EPA's technical consultant
US EPA's technical consultant
Technical support to US EPA & Natural Resource Trustee
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Natural Resource Trustees
A potentially responsible party (PRP) that has agreed to complete and pay for the necessary studies to finish the risk assessment, site characterization, and cleanup alternative study under strict Agency review
URS
Under contract to NSP-Wisconsin to implement the work

Note: All citizens, community groups, businesses, houses of worship, schools, public officials, sport anglers, recreationalists, subsistence anglers, home-owners, etc. are important stakeholders and will play an extremely important role in helping US EPA select the final cleanup action or actions for this Site. We will be putting data in the Site file for public review as it becomes available. We welcome input from the community throughout the process, not just when we announce the official public comment period. Site data and information will be updated on a frequent basis so that any citizen may remain up-to-speed on progress and everyone is invited to provide any information to us that they feel is important to our understanding of the property, the contamination, and the impact of the site. Especially important considerations are the future use of the currently contaminated areas – which will impact the remedy decision.

MILESTONE	RESPONSIBLE FOR IMPLEMENTATION	TARGET START DATE	ESTIMATED WORK DAYS	TARGET COMPLETION DATE	ACTUAL COMPLETION DATE
Winter Soil Vapor Sampling	NSP/URS	March 2005	4	March 2005	
Final Quarterly Ground Water Sampling Event	NSP/URS	March 2005	10	March 2005	
Subsurface Soil Sampling / Geoprobes	NSP/URS	April 2005	15	April 2005	
Geophysical Testing	NSP/URS	April 2005	5		
Sediment Survey	NSP/URS	April 2005	18	April 2005	
Fish Tissue Sampling	NSP/URS	April 2005	10 nonconsecutive days	June 2005	
Test Pits	NSP/URS	May 2005	21	May 2005	
Wildlife Habitat Survey	NSP/URS	May 2005	5	May 2005	
Wetland Survey	NSP/URS	May 2005	5	May 2005	
Ultraviolet Light Measurements	NSP/URS	May 2005	7	May 2005	
Sediment & Invertebrate Sampling	NSP/URS	May 2005	28 (two, two-week events)	September 2005	
Sediment Erosion Testing	NSP/URS	May 2005	10 (5 for erosion and age dating, 5 unconsecutive for setting and retrieving instrument)	July 2005	
Summer Soil Vapor Sampling	NSP/URS	June 2005	1 (probes installed in winter will be used)	June 2005	

Milestone	Responsible for Implementation	Target Start Date	Estimated Work Days	Target Completion Date	Actual Completion Date
Laboratory Analysis of Data	NLS Laboratory Seven Trent Laboratory Woods Hole Group Laboratory	On-going as data is collected	Data reports should be complete within 4 weeks of sample collection	September 2005	
Independent Data Validation	Environmental Data Services, Inc. & US EPA	On-going as data is analyzed	Validation should be completed within 4 weeks of receipt of data reports	October 2005	
Submission of Sediment Erosion Report	NSP/URS	Data available by September 2005	4 weeks	October 2005	
Submission of Draft Ecological Risk Assessment Report (ERA)	NSP/URS	Data available by January 2006	4 weeks	February 2006	
Review of ERA	US EPA & support agencies	February 2006	4 – 6 weeks	April 2006	
Re-submission of ERA, if necessary	NSP/URS	April 2006	2 – 4 weeks	May 2006	
Approval of ERA	US EPA	May 2006	2 - 4 weeks	June 2006	
Submission of Draft Human Health Risk Assessment Report (HHRA)	NSP/URS	Data available by November 2005	2 – 4 weeks	December 2005	
Review of HHRA	US EPA & support agencies	December 2005	4 – 6 weeks	February 2006	
Re-submission of HHRA, if necessary	NSP/URS	February 2006	2 – 4 weeks	March 2006	
Approval of HHRA	US EPA	March 2006	2 – 4 weeks	April 2006	

Milestone	Responsible for Implementation	Target Start Date	Estimated Work Days	Target Completion Date	Actual Completion Date
Submission of Draft Remedial Investigation Report (RI)	NSP/URS	Data available by January 2006	2 – 4 weeks	February 2006	
Review of RI	US EPA & support agencies		4 – 6 weeks	April 2006	
Re-submission of RI, if necessary	NSP/URS		2 – 4 weeks	May 2006	
Approval of RI	US EPA		2 – 4 weeks	June 2006	
Feasibility Study (FS) Report: (RAO +AST + CA)	NSP/URS	February 2006	(see below)	October 2006	
Remedial Action Objectives Technical Memo (RAO)	NSP/URS	February 2006	4 weeks	March 2006	
Review of RAO	US EPA & support agencies	March 2006	4 weeks	April 2006	
Alternative Screening Technical Memo (AST) – utilizes agency comments on RAO	NSP/URS	April 2006	4 weeks	May 2006	
Review of AST	US EPA & support agencies	May 2006	4 weeks	June 2006	
Comparative Analysis of Alternatives Memo (CA) – utilizes agency comments on AST	NSP/URS	June 2006	8 weeks	August 2006	

Milestone	Responsible for Implementation	Target Start Date	Estimated Work Days	Target Completion Date	Actual Completion Date
Review of CA	US EPA & support agencies	August 2006	4 weeks	September 2006	
Submission of full Draft FS Report	NSP/URS	February 2006	(see above)	October 2006	
Review of Draft FS Report	US EPA & support agencies	October 2006	1 week	October 2006	
Draft Proposed Plan	US EPA	October 2006	4 weeks	November 2006	
Review Draft Proposed Plan	Support Agencies	November 2006	4 weeks	December 2006	
Revise Proposed Plan	US EPA	December 2006	2 weeks	January 2007	
Establish Public Comment Period on Proposed Plan & ensure Site Administrative Record Complete for Public Review	US EPA	January 2007		January 2007	
Public Comment Period	ALL STAKEHOLDERS & INTERESTED PARTIES (e.g., CITIZENS)	January 2007	4 – 8 + weeks (depending upon what the public requests)	March 2007	
Open Houses & Public Meetings	US EPA	January 2007	(depending upon what the public requests)	March 2007	

Milestone	Responsible for Implementation	Target Start Date	Estimated Work Days	Target Completion Date	Actual Completion Date
Draft Record of Decision (ROD)	US EPA	March 2007	4 – 8 weeks (depending upon public comments and revisions needed to cleanup plan to address public input)	May 2007	
Review Draft ROD	Support Agencies	May 2007	2 – 4 weeks	June 2007	
Final ROD Issued	US EPA	June 2007	(depends upon support agency comments)	July 2007	

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This schedule assumes good weather for completing field work, that the support agencies can complete reviews within a 4 week time-frame, that documents will only require one revision (EPA has final say on all documents and can revise documents itself if necessary), and no unforeseen conditions arise.

US EPA is currently compiling the universe of potential treatment options for this project, based on the most recent published technical literature and work that is already being performed at similar sites. US EPA may ask NSP-Wisconsin to perform laboratory or pilot scale tests during this RI work (if any innovative technologies appear promising) so that such work can be “dove-tailed” into the feasibility study or used as design criteria.